

### **REMARKS/ARGUMENTS**

In response to the Examiner's further Office Action of October 1, 2008 the Applicant respectfully submits the accompanying Amendment of the claims and the below Remarks.

#### ***Regarding Amendment***

In the Amendment:

independent claim 1 is amended to specify that the memory vector is comprised of variables holding state data of the printer consumable. Support for these amendments can be found, for example, at page 41, line 25-page 43, line 18, page 63, line 1-page 65, line 15 and page 95, lines 13-17 of the present specification;

dependent claims 2, 4, 5 and 7-10 are unchanged; and  
claims 11-14 and 16-20 are cancelled.

It is respectfully submitted that the Amendment does not add any new matter to the present application.

#### ***Regarding 35 USC 103(a) Rejections and Response to Arguments***

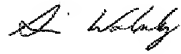
It is respectfully submitted that the subject matter of amended independent claim 1, and claims 2, 4, 5 and 7-10 dependent therefrom, is not taught or suggested by any one or more of previously cited Carmon, Sony, Spies and Schneier in view of newly cited Atalla et al. (US 5,319,710), because none of these cited references teach or suggest a validation protocol which not only authenticates presence of a consumable authentication chip but also authenticates consumable state data via a memory vector comprised of variables holding the state data, as required by the claimed invention.

That is, Carmon merely discloses a replaceable ink cartridge having identification data associated therewith (see page 11, line 20-page 12, line 2), Sony merely discloses authentication using IC cards (see abstract), Spies merely discloses using cryptography between participants, such as in commerce transactions (see col. 5, lines 7-33), Schneier merely discloses authentication using digital signatures, and Atalla merely discloses encrypting personal identification and sequence numbers (see col. 2, lines 10-34).

It is respectfully submitted that all of the Examiner's rejections have been traversed. Accordingly, it is submitted that the present application is in condition for allowance and reconsideration of the present application is respectfully requested.

Very respectfully,

Applicant/s:



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